

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1 to 36 (canceled)

Claim 37 (previously presented): A passive microphone for wirelessly transmitting sound information to a receiving unit, comprising:

an antenna that receives electromagnetic excitation energy from the receiving unit and wirelessly transmits electrical signals to the receiving unit; and

a piezoelectric device connected to the antenna wherein the piezoelectric device comprises a first device for detecting acoustic signals and a second device for storing the electromagnetic excitation energy received from the antenna and for converting detected acoustic signals into electrical signals bearing sound information, wherein the first device includes a diaphragm, and wherein the second device includes a diaphragm that has a surface acoustic wave resonant structure.

Claim 38 (new): A passive microphone for wirelessly transmitting sound information to a receiving unit, comprising:

an antenna that receives electromagnetic excitation energy from the receiving unit and wirelessly transmits electrical signals to the receiving unit; and

a piezoelectric device connected to the antenna such that the piezoelectric device receives and stores electromagnetic excitation from the antenna and said piezoelectric device temporarily stores the excitation energy from the receiving unit in the form of mechanical vibrations, wherein detected acoustic signals are converted into electrical signals bearing sound information.

Claim 39 (new): A passive microphone for wirelessly transmitting sound information to a receiving unit, comprising:

an antenna that receives electromagnetic excitation energy from the receiving unit and wirelessly transmits electrical signals to the receiving unit; and

a piezoelectric device connected to the antenna such that the piezoelectric device receives and stores electromagnetic excitation from the antenna such that the piezoelectric device detects acoustic signals and converts the detected acoustic signals into electrical signals bearing sound information.

Claim 40 (new): A passive microphone for wirelessly transmitting sound information to a receiving unit, comprising:

an antenna that receives electromagnetic excitation energy from the receiving unit and wirelessly transmits electrical signals to the receiving unit; and

a piezoelectric device connected to the antenna wherein the piezoelectric device comprises a first device for detecting acoustic signals and a second device for storing the electromagnetic excitation energy received from the antenna and for converting detected acoustic signals into electrical signals bearing sound information, wherein the second device includes a diaphragm that has a surface acoustic wave resonant structure.